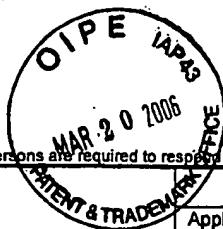


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PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Application Number 10/600,901
Filing Date 06-20-2003
First Named Inventor McGinniss et al.
Art Unit 1712
Examiner Name Robertson, Jeffrey B. Metzmaier
Attorney Docket Number 1266gDIV1

Examiner Initials*	Cite No. ¹	U. S. PATENT DOCUMENTS			Class	Subclass
		Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Where Relevant Passages or Relevant Figures Appear
DM	A1	US- 3,392,199	07-09-1968	Middleton	564	310
DM	A2	US- 4,552,694	11-12-1985	Ishikawa	540	517
DM	A3	US- 4,746,577	05-24-1988	Pantelis et al.	428	421
DM	A4	US- 5,155,195	10-13-1992	Feuer	526	243
DM	A5	US- 5,286,803	02-15-1994	Lindsay et al.	525	329.7
DM	A6	US- 5,328,994	07-12-1994	Berneth et al.	534	607
DM	A7	US- 5,684,094	11-04-1997	Suzuki et al.	525	403
US- 6,361,717						
DM	A9	US- 6,361,717	03-26-2002	Dalton et al.	252	582
US- 6,410,640						
DM	A11	US- 6,410,640	06-25-2005	Fukunaga et al.	524	588
DM	A12	US- 5,321,084	06-14-1994	Cross et al.	525	107
		US-				
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		US-				

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS			Class	Subclass
		Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Where Relevant Passages or Relevant Figures Appear
DM	A13	EP 0 498 184 A2	08-12-1992	Kishimoto et al.		

Examiner Signature /Daniel Metzmaier/ Date Considered 05/15/2006

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		Application Number	10/600,901
		Filing Date	06-20-2003
		First Named Inventor	McGinniss et al.
		Art Unit	1712
		Examiner Name	Robertson, Jeffrey B. Metzmaier
Sheet 2	of 2	Attorney Docket Number	12665DIV1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DM	B1	HENDERSON ET AL.; Thermal; Optical and Nonlinear Optical Properties of Tetrafluorinated Donor-Acceptor Benzenes; Chem. Mater.; 1993, 5; pp 1059-1060	
DM	B2	NICOUD, J.F.; Molecular and Crustal Engineering For Organic Nonlinear Optical Materials; Mol. Cryst. Liq. Cryst.; 1988 [†] , Vol. 156; pp. 257-268	
DM	B3	GALVAN-GONZALEZ et al.; Photodegradation of Azobenzene Nonlinear Optical Chromophores: The Influence of Structure and Environment; J. Opt. Soc. Am.; V 17; No 12; 12/2000; pp 1992-2000	
DM	B4	Database WPI, Section Ch, Weel 199623; Derwent Publications Ltd.; London, GB; Class A89 AN 1996-226351; XP002333517; JP 08 087040; April 2, 1996	
DM	B5	Database WPI; Section Ch, Week 199328; Derwent Publications Ltd.; London, GB; Class A28, AN 1993-221411; XP002333518; JP 05 142600; June 11, 1993	
DM	B6	SCHRADER et al.; New Chromophores and Polymers For Second Order Nonlinear Optics; Proceeding of Soc. For Optical Eng.; Vol. 3474; pp 160-171; 1998 [†]	
DM	B7	SCHRADER, SIGURD; Molecular Substitution aand Nonlinear Optical Properties of Chromophores; Proceedings of Soc. For Optical Eng.; Vol. 2968; pp 44-49; 1997 [†]	

Examiner Signature	/Daniel Metzmaier/	Date Considered	05/15/2006
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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[†] Publication year is more than ^{one} year prior to the effective filing date of application, Month is unavailable.

PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

of 2

Complete if Known

Application Number	
Filing Date	06/20/2003
First Named Inventor	McGinniss et al.
Art Unit	
Examiner Name	
Attorney Docket Number	12665DIV1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 4,198,349	04/15/1980	Nuss et al.	
	A2	US- 4,323,675	04/06/1982	Eckes et al.	
	A3	US- 4,666,819	05/19/1987	Elmasry	
	A4	US- 5,064,264	11/12/1991	Ducharme et al.	
	A5	US- 5,120,876	06/09/1992	Cheng et al.	
	A6	US- 5,521,271	05/28/1996	Smith et al.	
	A7	US- 5,776,374	07/07/1998	Newsham et al.	
	A8	US- 5,783,120	07/21/1998	Ouderkerk et al.	
	A9	US- 6,001,958	12/14/1999	Tapolsky et al.	
	A10	US- 6,067,186	05/23/2000	Dalton et al.	
	A11	US- 6,084,702	07/04/2000	Byker et al.	
	A12	US- 6,348,992 B1	02/19/2002	Zhang et al.	
	A13	US- 6,393,190 B1	05/21/2002	He et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	A14	JP 06025120 A1	02/1994	Ricoh KK		

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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number			
		Filing Date	06/20/2003		
		First Named Inventor	McGinniss et al.		
		Group Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	12665DIV1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡
	B1	BOSC et al.; DESIGN AND SYNTHESIS OF LOW REFRACTIVE INDEX POLYMERS FOR MODULATION IN OPTICAL WAVEGUIDES; Optical Materials Volume 13; 1999; pp. 205-209	
	B2	CHOLLETT et al.; ELECTRO-OPTIC COEFFICIENT DETERMINATION IN STRATIFIED ORGANIZED MOLECULAR THIN FILMS: APPLICATION TO POLED POLYMERS; Thin Solid Films 242; 1994; pp. 132-138	
	B3	HOLM, ROY T.; KETIMINES AS LATENT EPOXY CURING AGENTS; Journal of Paint Technology, Volume 39, No. 509; June 1967; pp. 385-388	
	B4	INOUE, K.; FUNCTIONAL DENDRIMERS, HYPERBRANCHED AND STAR POLYMERS; Progress in Polymer Science; Volume 25, No. 4; May 2000; pp. 453-571	
	B5	MARCATILI, E. A. J.; DIELECTRIC RECTANGULAR WAVEGUIDE AND DIRECTIONAL COUPLER FOR INTEGRATED OPTICS; The Bell System Technical Journal; Volume 48; September 1969; pp. 2071-2102	
	B6	TENG et al.; SIMPLE REFLECTION TECHNIQUE FOR MEASURING THE ELECTRO-OPTIC COEFFICIENT OF POLED POLYMERS; Appl. Phys. Lett.; Volume 56, No. 18; April 30, 1990; pp. 1734-1736	

Examiner Signature		Date Considered	
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† Unique citation designation number. ‡ Applicant is to place a check mark here if English language Translation is attached.

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